SBR No: 000012

1st & Final Bill Date: 9/6/2020 Original/Duplicate/Triplicate

CONTRACT CERTIFICATE
(For Other Works)

BR No: 000012
Date: 11/06/2020.

No.
Division: Electrical (DASARAHALLY) Head of Account: **P -3443**
Sub- Division:
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket Name of Work(as persanctionedestimate) Maintenance and Repairs to the new Park at Gunduthopu in Dasarahalli Constituency.
Contractor and Full Address: M/s Sri Lakshminarasimha Electricals.
Work Order No: : EE/(Elec)/DZ/WO/000002/2019-20 Dated :22-01-2020
Reference to Agreement Date ..... Job No:- 012 -19-000067

Certified that the measurements were taken by me on 20/3/20 and recorded of pages 340305 to 340308 of Measurement Book No 3404 and that the work is satisfactorily executed.

Officer in charge of work: JUNIOR ENGINEER (Ele) Bruhath Bangalore Mahanagara Palike Dasarahalli Zone, Bangalore

Contractor

Certified that the measurements were taken by me on 12/05/2020 and found correct. Certified that the work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon. And normal agreement signed and executed by the contractor is recorded in the office.

Sub-division Officer

II Memorandum of Payment

176)	Total value of work done or supplies as per account within	Present bill amt 112807=00
177)	Deduct amount to be held in reserve being .....percent Rs.....	IT (01.) 2256=00
178)	" Balance	CGST 1007=00
179)	Deduct payment :	SGST 1007=00
sss)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....	Cess (1%) 1128=00
ttt)	Amount adjusted towards cash advance recovery of Payments cost store or other material supplied. Now made recovery amount creditable to this/ other work	CBF (0.1%) 113=00
	Amount paid on this bill cheque/cash	T.D (-) 5511=00
180)	Balance being unpaid value of work done held in reserve	Chq. amt: 107296=00
6)	Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments	
7)	Net amount due to or from contractor	
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within Value of Government materials supplied	

Contractors Signature

Received Rs.....(in words)
.....
by cash and adjustment of payment as per memorandum.

Witnesses :
1.
2.

Signature of contractor
Dated .....

Audited and admitted for Rs. 112807/-
Passed by Cheque for Rs. 107296/-
(One lakh Seven thousand two hundred and Ninety Six rupees only)
by adjustment Rs. 5511/-

Paid by me by cheque No.....Dated .....
Cash Rs.....

Initials of Officer making payment

Executive Engineer (Ele)

(For use in the office)

Executive Engineer (Ele)

B.B.M.P. Dasarahalli Division

Scanned with CamScanner

Sl. No.	Description of Item	Unit	Previous Measurement		Present Measurement			Total Upto Date		
			Qty	Cost	Qty	Rate	Amount	Qty	Cost	
	Name Of Work:- Maintenance and Repairs to the new Park at Gunduthopu in Dasarahalli Constituency									
1	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 60000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II. LED Streetlight 24watts	Nos			7	3600.00	25200.00	7	25200.00	
2	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended. 3 meters - Top 75mm and bottom 105 mm dia	Nos			7	4300.00	30100.00	7	30100.00	
3	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Nos			7	600.00	4200.00	7	4200.00	
4	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 4 core 16 sqmm	Mtrs			140	130.00	18200.00	140	18200.00	
5	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs			140	5.00	700.00	140	700.00	
6	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. (As perCivil SR KSRB I-2, P-7).a) In soil (ordinary)	Mtrs			116	60.00	6960.00	116	6960.00	
7	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and **Copper** conductor single core cable in open or consealed system of wiring.I Group A Materials.b)1.5 sqmm	Mtrs			50	6.00	300.00	50	300.00	
8	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 60-70 Amps	Nos			1	4000.00	4000.00	1	4000.00	
9	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required confirming IEC 60898. 6) 5-32 Amps DP	Nos			1	300.00	300.00	1	300.00	
10	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and **Copper** conductor single core cable in open or consealed system of wiring.I Group A Materials.g)16 sqmm	Mtrs			3	30.00	90.00	3	90.00	
11	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm	Mtrs			7	189.00	1323.00	7	1323.00	

Scanned with CamScanner

12	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with mecessary cable entry pipe with gland and box should be finished with 2 cdoats of red oxide primer paint and finally finished with approved colour enameled metal pain etc., complete. b)16 swg	Sqcm	24650	0.33	8134.50	24650	8134.50
13	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps	Nos	2	300.00	600.00	2	600.00
14	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group A, PWD Elec SR 2006-07.	Nos	1	2200.00	2200.00	1	2200.00
15	Providing Rcc Pole pedstal of Size 0.3x0.3x0.8 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete as per the data sheet enclosed	Nos	7	1500.00	10500.00	7	10500.00
	Grand Total Rs				112807.50		112807.50

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Executive Engineer (Ele)
Bruhath Bangalore Mahanagara Palike.
Dasarahalli Zone

Scanned with CamScanner